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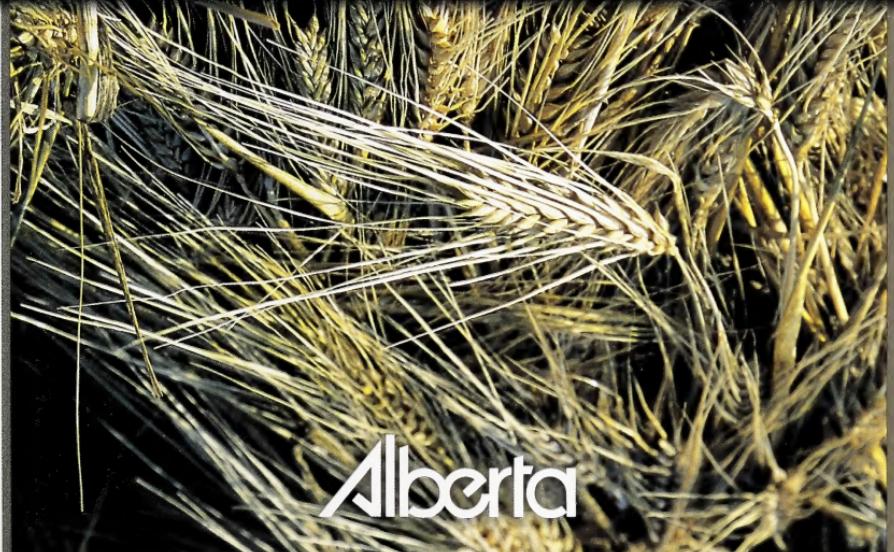
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Symbols Appearing in the 2009 Info Products Catalogue:

FS = Factsheet format

CD = CD-Rom format

DVD = DVD format

NEW = New since 2008 catalogue

UPDATE = Revised since 2008 catalogue

Bolded text = Priced item

General Publications

Agdex No.

- 001 Information Products Catalogue. (Annual)
007-2 **Planning a Bench Show. \$5.00 (For details, see page 31).**
980-10 Judging Standards for Foods, Sewing and Handicrafts. \$1.00 (for details, see page 31).

Weather

- FS070-1 Weather Forecasting and Terminology. Revised 1992.
071-1 Agroclimatic Atlas of Alberta. Revised 2004.
FS075-1 Protection Against Frost Damage. 1979.
FS075-2 Freezing Date Probabilities. Revised 1998.
075-3 Working With the Weather: Improving Pasture Productivity. Revised 2006.
FS590-1 Soil Temperature for Germination (A Guide for Timing Seeding Operations).
FS590-2 Soil Temperature and Direct Seeding. Revised 1999.

Health and Safety

- FS086-2 Hydrogen Sulphide Emissions and Safety. 2004.
FS086-3 Safety for Aging Farmers. 2004.
FS086-4 Handling Livestock Safely. 2004.
FS086-5 Dust Control for Livestock Buildings. 2004.
FS086-6 Ammonia Emissions and Safety. Revised 2006.
CD086-7 Farm Safety: It's no Accident. CD-ROM.
FS086-8 Respiratory Protection for Producers. 2005.
FS086-9 Fire – Compost and Organic. 2006.
086-10 The Quick 'n' Dirty: A Short Guide to Farm Survival. 2006.
DVD089/845-1 Safe Food Practices for Small Processors. DVD Video. \$20.00. (For details, see page 31).

Environmental

- 090-1 Beneficial Management Practices: Environmental Manual for Alberta Farmsteads. 2006.
FS090-2 Use of Fertilizers, Manures and Pesticides for Sustainable Farm Management. 2008. **NEW**
096-1 2008 Reference Guide: Agricultural Operation Practices Act (AOPA) **UPDATE**
FS096-2 Permits and Regulations for Existing Operations. Revised 2007.
FS096-3 Manure Management Record Keeping Regulations. Revised 2007.
FS096-4 Wintering Sites and Livestock Corrals. Revised 2007.

- FS096-5 Manure Spreading Regulations. Revised 2007.
- FS096-6 Manure Management Regulations for Cow/Calf Producers. Revised 2007.
- FS096-7 Manure Management for Horse Owners: What is Required by the Agricultural Operations Practices Act (AOPA). 2005.
- 096-8 Agricultural Operations Practices Act (AOPA) Manure Management and Land Base Code. 2006.
- 060-1 Biodiversity Conservation Guide for Farmers and Ranchers. 2007.

Annual Report

Alberta Agriculture and Rural Development – Annual Report.

Crops

Agdex No.

General

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| FS100/22-1 | Using 1,000-Kernel Weight for Calculating Seeding Rates and Harvest Losses. Revised 2007. |
| 100/25-1 | Beneficial Management Practices: Environmental Manual for Crop Producers. 2004. |
| FS100/32 | Varieties of Cereal and Oilseed Crops for Alberta. (Annual). |
| FS100/32-1 | Irrigated Crop Recommendations. Revised 2008. UPDATE |
| FS100/32-2 | Crop Variety Performance Comparisons: Thin Black Soil Zone. Revised 2004. |
| FS100/32-3 | Crop Variety Performance Comparisons: Black/Dark Gray (East) Soil Zone. Revised 2004. |
| FS100/32-4 | Crop Variety Performance Comparisons: Black/Dark Gray (West) Soil Zone. Revised 2004. |
| FS100/32-5 | Crop Variety Performance Comparisons: Brown Soil Zone. Revised 2004. |
| FS100/32-6 | Crop Variety Performance Comparisons: Dark Brown Soil Zone. Revised 2004. |
| FS100/32-9 | Crop Variety Performance Comparisons: Peace Soil Zone. Revised 2004. |
| FS100/32-10 | Crop Variety Performance Comparisons: Black Soil Zone. Revised 2004. |
| FS100/32-11 | Crop Variety Performance Comparisons: Dark Gray/Gray Soil Zone. Revised 2004. |
| FS100/32-12 | Crop Variety Performance Comparisons: Irrigation Areas. 2004. |
| FS100/52-1 | Bale Silage. 2003. |
| FS100/515-1 | Pea-wheat Rotation in Southern Alberta. NEW |
| FS100/541-1 | Fertilizing Irrigated Grain and Oilseed Crops. 1993. |

Grain Crops

General

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| FS110/22-1 | Seed for Cereal Crops. Revised 1999. |
| FS110/632-1 | Fusarium Head Blight of Barley and Wheat. Revised 2003. |
| 110/632-3 | Alberta <i>Fusarium graminearum</i> Management Plan. 2002. |

Wheat

| | |
|-------------|---------------------------------------------------------------------------|
| FS112/10-1 | Agronomic Management of Winter Wheat in Alberta. 2007. |
| FS112/11-1 | Winter Wheat in the Parkland Area of Alberta. Revised 2008. UPDATE |
| FS112/20-4 | High Protein Wheat Production. Revised 2008. UPDATE |
| FS112/541-1 | Fertilizing Irrigated Soft White Spring Wheat. 1996. |
| FS112/542-1 | Fertilizing Winter Wheat in Southern Alberta. 2000. |
| FS112/632-3 | Wheat Streak Mosaic in Alberta and its Control. 1993. |

Barley

FS114/20-2
FS114/50-1
FS114/61-1
FS114/540-1
FS114/540-2

Malting Barley. Revised 1999.
Harvesting Hulless Barley. Revised 1999.
Storage of High Moisture Barley. Revised 2008. **UPDATE**
Optimizing Barley Silage Production in Alberta. 2000.
Agronomic and Fertilizer Management of Barley in Alberta. 2008. **NEW**

117/20-1

Rye

Fall Rye Production. Revised 2007.

FS118/20-1
FS118/20-2

Other Grains

Triticale. Revised 2001.
Common Buckwheat. Revised 2001.

Forage Crops**General**

FS120/15-1
FS120/22-3
FS120/45-1
120/52-2
FS538/120-1
538/120-2

Growing Forage Legumes for Seed.
Perennial Forage Establishment in Alberta. 2005.
How to Purchase High Quality Forage Seed.
Silage Manual. \$15.00 (for details, see page 32).
Applying Manure on Perennial Forage: A Summary. 2006.
Applying Manure on Perennial Forage. 2006.

Legumes

FS121/531-5
FS121/620-1
FS122/15-1
123/20-2

Soil and Nutrient Management of Alfalfa. 2005.
Insects Associated with Alfalfa Seed Production.
Red Clover Seed Production in Alberta. 1990.
Legume Green Manuring. 1993.

Grasses

FS127/15-1
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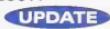
Creeping Red Fescue Seed Production. 2000.
Timothy Seed Production in Western Canada. 2004.
Tall Fescue Seed Production in Western Canada. 2005.
Perennial Ryegrass Seed Production in Western Canada. 2004.
Harvesting Grass Seed. 1994.
Fertilizing Grass for Hay and Pasture. 2005.
Costs and Returns Budget for Straight Seeded Certified Timothy. 2001.
Costs and Returns Budget for Creeping Red Fescue – Underseeded to Canola. 2001.
Costs and Returns Budget for Straight Seeded Creeping Red Fescue. 2001.
Costs and Returns for Certified Timothy Seed Production Underseeded to Barley. 2001.
Costs and Returns Budget for Irrigated Perennial Ryegrass – Underseeded to Durum Wheat. 2001.

Pastures and Ranges

- 130/10-1 Alberta Tame Pasture Scorecard. 2004.
- FS130/14-1 Range and Pasture Management When Dealing with Drought.
- FS130/53-1 Grazing Tame Pastures Effectively. Revised 1998.
- FS133/20-1 Winter Cereals for Pasture.
- FS134/06 Alberta Range Plants and Their Classification.
- 134/14** **Grazing Management of Northern Rangelands.** \$65.00 (for details, see page 32).
- 134/30-1** **Common Plants of the Western Rangelands: Volume 1 – Grasses and Grass-like Plants.** \$25.00 (for details, see page 32).
- 134/30-2** **Common Plants of the Western Rangelands: Volume 2 – Trees and Shrubs.** \$20.00 (for details, see page 33).
- 134/30-3** **Common Plants of the Western Rangelands: Volume 3 – Forbs.** \$30.00 (for details, see page 33).
- 134/420-1** **Northern Range Plants.** \$25.00 (for details, see page 34).
- 075-3 Working With the Weather: Improving Pasture Productivity. Revised 2006.
- 580-2 **Growing Native Plants of Western Canada.** \$30.00 (for details, see page 46).

Oil and Seed Crops

General

- FS140/638-1 Clubroot Disease of Canola and Mustard. Revised 2007.
- 140/638-2 Alberta Clubroot Management Plan. Revised 2008. 

Pulse Crops

- 142/20-1** **Pulse Crops in Alberta.** \$25.00 (for details, see page 34).
- FS142/21-1 Land Rolling Guidelines for Pulse Crops in Western Canada. 2004.
- FS142/25-1 How are Green Peas Like Malting Barley? 1998.
- FS142/32-1 Varieties of Pulse Crops for Alberta. (Annual).
- FS142/532-1 Dry Bean Nutrient Requirements in Southern Alberta. 1999.
- FS142/532-2 Pea Nutrient Requirements in Alberta. 2002.

Other Oil and Seed Crops

- FS147/20-1 Canaryseed. 1998.
- FS147/20-2 Coriander. Revised 2008. 
- FS147/20-3 Dill. 1998.
- FS147/20-4 Caraway. Revised 2008. 

Canola

- FS149/22-1 Alternative Date Seeding of Spring Canola. Revised 2000.
- FS149/632-3 Blackleg of Canola. Revised 1997.
- FS149/632-4 Disease Forecasting for Sclerotinia White Stem Rot in Canola. Revised 2007.

Fibre Crops

FS153/830-1 Industrial Hemp Enterprise. Ag-Ventures. 2000.

Sugar Crops

171/821-5 Economics of Sugar Beet Production in Alberta 2005. Issued 2007.

Specialty Crops

180/01-1 Special Crops Directory. Revised 2002.

188/20-1 **Commercial Echinacea Production. \$25.00 (for details, see page 34).**

Horticulture

Agdex No.

General

- 134/30-1 Common Plants of the Western Rangelands: Volume 1 – Grasses and Grass-like Plants. \$25.00 (for details, see page 32).
- 134/30-2 Common Plants of the Western Rangelands: Volume 2 – Trees and Shrubs. \$20.00 (for details, see page 33).
- 134/30-3 Common Plants of the Western Rangelands: Volume 3 – Forbs. \$30.00 (for details, see page 33).
- 200/15-1 Commercial Greenhouse Production in Alberta. \$8.00 (for details, see page 35).
- 200/32-1 Alberta Yards & Gardens: What to Grow. \$15.00 (for details, see page 35).
- 200/47 Judging and Exhibiting Standards for Horticultural Show. \$12.00 (for details, see page 36).
- 200/74-1 Garden-fresh Produce: Picking, Preserving & Preparing. \$4.00 (for details, see page 36).
- FS200/820-1 An Introduction to the Fruit Wine Industry in Alberta. Revised 2008. UPDATE
- FS200/830-1 Commercial Cottage Wine Industry: Fruit Wine. 2006.
- FS518-6 High Salt Content in Garden Soil.
- FS525-1 Purchasing Topsoil.
- FS537-1 Home Composting. Reprint of Environment Council of Alberta fact sheet.
- 731-5 Hobby Greenhouses in Alberta. \$8.00 (for details, see page 52).

Small Fruits

- FS230/20-2 Bush Fruit in Alberta. 1994.
- FS230/20-3 Beginning Berry Production. Revised 2008. UPDATE
- FS230/821-1 Strawberry Profits. Revised 2004.
- FS230/830-1 Commercial Strawberry/Raspberry Industry. Ag-Ventures. 1998.
- DVD230/845-1 Fruit: A Growing Industry in Alberta. DVD video. \$20.00 (for details, see page 37).
- 232/20-1 Commercial Strawberry Production on the Prairies. \$20.00 (for details, see page 37).
- FS232/20-4 Strawberries in Alberta. Revised 2000.
- FS236/20-1 Currants and Gooseberries in Alberta. Revised 2000.
- FS237/20-1 Raspberries in Alberta. Revised 2000.
- FS238/20-1 Saskatoons in Alberta. Revised 2000.
- 238/821-2 Economics of Saskatoon Berry Production: A 10 Acre Enterprise. 2003.

Vegetables

- FS250/830-1 Fresh Vegetable Market Gardening Industry. Ag-Ventures. Revised 2008. **UPDATE**
- FS250/830-2 Commercial Greenhouse Vegetable Production. Ag-Ventures. 2001.
- FS254/20-1 Rhubarb Production in Alberta. 2002.
- FS254/20-2 White Asparagus Production in Alberta. 2002.
- 257/15-1 Commercial Greenhouse Bell Pepper Production in Alberta. \$8.00 (for details, see page 37).**
- 257/15-2 Commercial Greenhouse Tomato Production in Alberta. \$8.00 (for details, see page 38).**
- FS258/20-1 Fresh Market Carrot Production in Alberta. 2003.
- FS258/65-1 Food Safety Concepts for Potato Producers. 2001.
- FS258/635-5 Understanding Bacterial Ring Rot in Potatoes. 1998.
- FS258/642-1 Guide to Weed Control in Potatoes. Revised 2007.
- 732-15 Home Vegetable Storage. \$3.00 (for details, see page 57).

Specialties

- CD263/830-3 Herbs and Spice. CD-ROM. \$25.00 (for details, see page 38).**

Ornamentals

- 270/24-1 Pruning in Alberta. \$3.00 (for details, see page 38).**
- 271/17-2 Landscaping Alberta Yards. \$3.00 (for details, see page 39).**
- FS273/14-1 Lawn Care Tips. 2004.
- FS275/07-1 Browning of Evergreens. Revised 2002.
- 275/637-4 Dutch Elm Disease. 1997.
- FS275/641-1 Weed Management in Tree Nurseries. Revised 2007.
- FS275/821-1 Tree Nursery Profits. Revised 2007.
- FS275/830-1 Commercial Tree Nursery Industry. Ag-Ventures. Revised 2006.
- FS636-1 Fireblight. Revised 2007.

Shelterbelts

- FS277/20-2 Shelterbelts in Alberta. Revised 1992.
- FS277/20-3 Field Shelterbelts for Soil Conservation. Revised 2007.
- 277/22-1 Field Shelterbelts for the Prairies. 1995. Published by CAESA.
- 277/30-1 Planning Farm Shelterbelts. 1995. Published by CAESA.
- 277/33-1 Shelterbelt Varieties for Alberta. \$6.00 (for details, see page 39).**
- FS277/645-1 Weed Control for Alberta Shelterbelts. Revised 2007.

Flowers

- 200/47 Judging and Exhibiting Standards for Horticultural Show. \$12.00 (for details, see page 36).**

Agro-forestry

Agdex No.

FS300/830-1

581-1

581-2

Private Woodlot Enterprise. Ag-Ventures. Revised 2003.

Logging Private Land in Alberta. 1994.

Conservation and Logging on Private Land in Alberta. 1994.

Animals and Aquatic Life

Agdex No.

General

- 400/27-1 Manure Composting Manual. 2004.
FS400/27-2 Compost Temperature Measurement: Livestock Manure. 2005.
FS400/28-1 Managing Livestock Manure. 2008. **NEW**
400/29-1 Livestock Mortality Management (Disposal). 2002.
400/29-2 Livestock Mortality Burial Techniques. 2002.
400/29-3 Pre-selecting Mass Carcass Disposal Sites. Revised 2007.
CD400/40-1 What's the Score? Body Condition Scoring for Livestock. CD-ROM. \$10.00 (for details, see page 39).
Nutrients for Cattle.
FS400/50-3 Creep Feeding Calves. Revised 1998.
400/51 Cattle Nutrition. \$45.00 (for details, see page 40).
Nitrate Poisoning and Feeding Nitrate Feeds to Livestock. 1991.
FS400/60-1 Know Your Feed Terms. Revised 2006.
400/660 Animal Health for Cattle. \$45 (for details, see page 40).
Water Requirements for Livestock. Revised 2005.
FS400/716-1 Water Analysis Interpretation. Revised 2007.
FS400/716-2 Remote Pasture Water Systems for Livestock. 2007.
FS400/716 (C30) Pasture Watering Systems. A Cost Comparison. 2003.
FS400/716-4 Understanding the Federal Tax Deferral. Revised 2004.
FS400/837-1 Direct Marketing Meats...Selling Meat at Alberta Approved Farmers' Markets. 2005.
FS400/845-1
420/10 The Beef Cow-calf Manual. \$30.00 (for details, see page 41).
684-14 Methods of Investigating Predation of Livestock. \$8.00 (for details, see page 50).
684-19 Coyote Predation of Livestock. \$8.00 (for details, see page 50).
724-6 Fencing with Electricity. \$10.00 (for details, see page 51).

Dairy

- CD410/20-1 Firm Steps: Identifying Lameness in Dairy Cattle. CD-ROM. \$20.00. (for details, see page 40).**
410/28-1 Beneficial Management Practices: Environmental Manual for Dairy Producers in Alberta. 2003.
FS410/821-3 Direct Marketing Profits...Cheese Production and Marketing Enterprise. 2002.

Beef

- 420/10**
FS420/10-1
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FS420/821-3
FS420/845-1
FS423/15-1
CD400/40-1
FS651-6
- The Beef Cow-calf Manual.** \$30.00 (for details, see page 41).
Selecting a Custom Feedlot. 2000.
Managing a Cow-calf Business - An Essential Guide. \$50.00. (for details, see page 41) **NEW**
Residual Feed Intake (Net Feed Efficiency) in Beef Cattle. 2006.
Understanding the Animal Unit Month (AUM) Effectively. Revised 2007.
Calving.
Beneficial Management Practices: Environmental Manual for Feedlot Producers in Alberta. 2002.
Guidelines for Maintaining High Conception in the Cow Herd While Using AI. Revised 2007.
Body Condition: Implication for Managing Beef Cows.
Value Based Marketing of Cattle: More Than Just Carcass Quality. Revised 2002.
Beef Cow Calf Condition Management. 2003.
Increasing Cow/Calf Profitability Using Chaff and Chaff/Straw Feedstuffs. Revised 2008. **UPDATE**
Effects of Nutrition on Beef Cow Reproduction. 1992.
Ration Options for Beef Cows. Revised 2007.
Winter Feeding Programs for Beef Cows and Calves. Revised 2007.
Beef Rations Rules of Thumb. 2004.
Feed Waste Management. Revised 2006.
Cattle Feeding: Limiting Intake and Adding Corn Grain. 2003.
Swath Grazing in Western Canada: An Introduction. 2004.
Agronomic Management of Swath Grazed Pastures. 2008. **NEW**
Agronomic Management of Stockpiled Pastures. 2008. **NEW**
Managing Cattle Feed Contaminated with Mycotoxins. 2003.
Effect of Bale Processing on Particle Size and Potential Feeding Losses in Hay or Bale Silage. 2007.
Bloat in Cattle. 2003.
Feeding Legumes to Cattle. 2003.
Grass Seed Residues for Beef Cattle Feed. 2005.
Managing Feedlot Shutdowns. 1999.
Cattle Wintering Sites: Managing for Good Stewardship. 2001.
Warble Control in Alberta. Revised 1992.
Bedding Without Straw. Revised 2004.
Corrals for Handling Beef Cattle. \$12.00 (for details, see page 41).
Cattle Handling: Psychology of a Cow. DVD video. \$20.00 (for details, see page 42).
Custom Grazing Profits...Intensive Grazing Enterprise. 2002.
Direct Marketing Profits...Direct Market Beef Enterprise. 2002.
Direct Marketing Meats...Selling Freezer Beef. 2005.
Breeding Soundness Evaluation of Bulls. 1992.
What's the Score? Body Condition Scoring for Livestock. CD-ROM. \$10.00. (for details, see page 39).
Black Fly Control. 1993.

Sheep and Goats

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| CD400/40-1 | What's the Score? Body Condition Scoring for Livestock. CD-ROM. \$10.00 (for details, see page 39). |
| FS430/10-1 | Organic Lamb. 2005. |
| DVD430/10-2 | Handling & Feeding Sheep. DVD video. \$20.00 (for details, see page 42). |
| FS430/845-1 | Direct Marketing Meats...Selling Freezer Lambs. 2005. |
| FS430/845-2 | Direct Marketing Meats...Selling Lambs at Alberta Approved Farmers' Markets. 2005. |
| 435/20-1 | Meat Goats. \$15.00 (for details, see page 43). |
| FS435/821-1 | Meat Goat Profits. Revised 2004. |
| FS435/830-1 | Commercial Meat Goat Industry. Ag-Ventures. Revised 2006. |

Swine

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|-------------|-------------------------------------------------------------------------------------------|
| 440/28-1 | Beneficial Management Practices: Environmental Manual for Hog Producers in Alberta. 2002. |
| 440/29-1 | Swine Mortality Composting. 2002. |
| FS440/29-2 | Windrow Composting of Swine (or Disaster Losses). 2004. |
| FS440/29-3 | Bin Composting of Daily Swine Mortality. 2004. |
| FS440/845-1 | Direct Marketing Meats...Selling Freezer Pork. 2005. |

Poultry

| | |
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| FS450/22-1 | Basic Poultry Brooding for Small Flock Owners. Revised 2004. |
| 450/28-1 | Beneficial Management Practices: Environmental Manual for Poultry Producers in Alberta. 2003. |
| 450/29-1 | Poultry Mortality Composting. 2002. |
| FS450/29-2 | Bin Composting of Daily Layer, Breeder or Turkey Mortality. 2004. |
| FS450/684-1 | Prevention of Predator Damage in Poultry Flocks. |
| FS450/830-1 | Pasture Poultry Industry. Ag-Ventures. 2000. |
| FS450/845-1 | Direct Marketing Meats...Selling Freezer Chicken. 2005. |
| FS451/29-1 | Composting Spent Layers (or Disaster Losses). 2004. |
| FS452/29-1 | Bin Composting of Daily Broiler Mortality. 2004. |
| FS452/771-1 | Save Hundreds on Your Energy Costs: Lighting for Broiler Chicken Barns. 2003. |
| FS538/450-1 | Sampling Poultry Manure for Analysis. 2008. NEW |

Horses and Donkeys

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| FS460/20-1 | Body Condition Scoring Your Horse. Revised 2004. |
| 460/27-1 | Manure and Pasture Management for Horse Owners. 2003. |
| FS460/50-2 | Feeding Young Horses for Sound Growth. 2002. |
| FS460/50-3 | Feeding the Stallion. Revised 2005. |
| FS460/50-4 | Feeding and Management Considerations for Horses. Revised 2004. |
| FS460/50-5 | Feeding Working and Performance Horses. Revised 2005. |
| FS460/50-6 | Feeding the Broodmare. Revised 2005. |

- 460/51-1 **Nutrition and Feeding Management for Horse Owners.** \$20.00 (for details, see page 43).
- 460/661-2 **Horse Health.** \$15.00 (for details, see page 43).
- 460/722-1 **Horse Handling Facilities.** \$15.00 (for details, see page 43).
- FS460/830-1 Commercial Horse Boarding Stable Industry. Ag-Ventures. Revised 2004.
- DVD462/40-1 **Horse Training.** DVD video. \$30.00 (for details, see page 44).
- 467/20-1 The Donkey. 1990.
- FS684-18 Protecting Livestock with Guard Donkeys. 1994.
- CD400/40-1 **What's the Score? Body Condition Scoring for Livestock.** CD-ROM. \$10.00 (for details, see page 39).

Small Animals

- 476/20-1 **Raising Meat Rabbits in Alberta.** \$5.00 (for details, see page 44).

Game Animals

- FS481/655-1 Hydatid (Cystic) Disease in Alberta's Game-Farmed Elk. 2004.
- CD400/40-1 **What's the Score? Body Condition Scoring for Livestock.** CD-ROM. \$10.00 (for details, see page 39).

Fish and Aquatic Life

- FS485/50-1 Feeding the Fish in Your Dugout or Pond. 2003.
- FS485/84-1 Fish Culture Licences. Revised 2008. **UPDATE**
- FS485/87-1 Screening Your Fish Pond. 1999.
- FS485/641-1 Biological Weed Control in Alberta Using Triploid Grass Carp. Revised 2004.
- FS485/655-1 Flatworm Cysts in Fish. 2004.
- FS485/655-11 Fish Tapeworm in Man. 2005.
- FS485/685-1 Predator Damage Control in Cultured Fish. 1999.
- FS485/716-1 Constructing Dugouts for Fish. Revised 2005.
- FS485/830-1 Fresh Water Aquaculture Industry. Ag-Ventures. Revised 2006.

Bison

- 492/723-1 **Bison Handling Facilities.** \$15.00 (for details, see page 45).
- DVD492/723-2 **Handling Bison: Safely and Effectively.** DVD video. \$25.00 (for details, see page 45).
- CD400/40-1 **What's the Score? Body Condition Scoring for Livestock.** CD-ROM. \$10.00 (for details, see page 39).

Soils, Water and Reclamation

| Agdex No. | Management |
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| FS515-1 | Sustainable Crop Rotations for Alberta's Brown Soil Zone. 2003. |
| FS518-6 | High Salt Content in Garden Soil. |
| FS518-8 | Management of Solonetzic Soils. Revised 1993. |
| FS518-12 | Dryland Saline Seeps: Types and Causes. Revised 2000. |
| FS518-16 | Structural Controls for Dryland Saline Seeps. 1998. |
| FS518-17 | Salt Tolerance of Plants. 2001. |
| FS518-18 | Vegetative Control of Saline Seep Recharge. 2007. |
| FS518-19 | Perennial Forages for Saline Seeps. 2007. |
| FS100/515-1 | Pea-wheat Rotation in Southern Alberta. NEW |

Direct Seeding

(Also see *Soil and Water Conservation section*)

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| FS519-2 | Handling Difficult Crop Residue Conditions in Direct Seeding Systems. 1996. |
| FS519-4 | Equipment Issues in Crop Residue Management for Direct Seeding. Revised 1999. |
| FS519-9 | Controlling Wheat Diseases in Direct Seeding Systems. Revised 1997. |
| FS519-12 | Solving the Wheel Track Dilemma in Direct Seeding. 1997. |
| FS519-13 | Controlling Barley Diseases in Direct Seeding Systems. Revised 1999. |
| FS519-14 | Downy Brome Control in Direct Seeding Systems. Revised 2005. |
| FS519-15 | Foxtail Barley Control in Direct Seeding Systems. Revised 2007. |
| FS519-16 | Controlling Wildlife Damage in Direct Seeding Systems. 1997. |
| FS519-17 | Removing Forages from the Rotation in a Direct Seeding System. Revised 2007. |
| FS519-19 | Controlling Canola Insect Pests in Direct Seeding Systems. Revised 1999. |
| FS519-20 | Anhydrous Ammonia Use at Seeding (in Direct Seeding Systems.) 1998. |
| FS519-22 | Seed Row Spacing and Seeding Rates in Direct Seeding. 1998. |
| FS519-23 | Controlling Field Pea Diseases in Direct Seeding Systems. 1998. |
| FS519-24 | Direct Seeding: Ground Opener Systems. 1999. |
| FS519-25 | Direct Seeding: Estimating the Value of Crop Residues. Revised 2008. UPDATE |
| FS519-27 | Controlling Quackgrass in Direct Seeding Systems. 2000. |
| FS519-28 | Crop Rotations in Direct Seeding. Revised 2008. UPDATE |
| FS570-4 | Residue Management for Successful Direct Seeding. Revised 1999. |
| FS570-5 | Making the Move to Direct Seeding. Revised 1999. |
| FS570-6 | Soil Quality and Moisture Conservation Benefits of Direct Seeding. 1996. |
| FS570-7 | Direct Seeding Systems: Terms, Definitions and Explanations. Revised 1999. |
| FS590-2 | Soil Temperature and Direct Seeding. Revised 1999. |

Soil Classification

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525-2

Purchasing Topsoil.
Alberta Soil Quality Card. 2003.

Soil Fertility

- FS531-1
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FS532-3
FS534-1
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FS538-1
FS538-2
FS538-3
FS538-4
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Micronutrient Requirements of Crops in Alberta. Revised 1992.
Minerals for Plants, Animals and Man. Revised 1998.
Soil pH and Plant Nutrients. 2003.
Copper Deficiency: Diagnosis and Correction. 1999.
Liming Acid Soils. Revised 1996.
Wood Ash – An Alternative Liming Material for Agricultural Soils. 2002.
Soil Organic Matter.
Home Composting. Reprint of Environment Council of Alberta fact sheet.
Compost Tea. 2006.
Manure Application and Nutrient Balance on Rangeland. 2003.
Sampling Liquid Manure for Analysis. 2008. **NEW**
Ammonia Volatilization from Manure Application. 2008. **NEW**
Sampling Solid Manure for Analysis. 2008. **NEW**
Applying Manure on Perennial Forage: A Summary. 2006.
Applying Manure on Perennial Forage. 2006.
Sampling Poultry Manure for Analysis. 2008. **NEW**
Soil and Nutrient Management of Alfalfa. 2005.
Dry Bean Nutrient Requirements in Southern Alberta. 1999.
Pea Nutrient Requirements in Alberta. 2002.

Fertilizers

- FS540-1
FS541-1
FS541-2
FS542-3
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FS542-10
FS542-11
FS100/541-1
FS112/541-1
FS127/541-1
FS112/542-1
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Crop Nutrition and Fertilizer Requirements.
Alberta Fertilizer Guide. Revised 2004.
Fertilizing Eroded Knolls. 2002.
Phosphorus Fertilizer Application in Crop Production.
Potassium Fertilizer Application in Crop Production. Revised 2000.
Sulphur Fertilizer Application in Crop Production. Revised 2001.
Fall-applied Nitrogen: Risks and Benefits. 2002.
Fertilizing Irrigated Grain and Oilseed Crops. 1993.
Fertilizing Irrigated Soft White Spring Wheat. 1996.
Fertilizing Grass for Hay and Pasture. 2005.
Fertilizing Winter Wheat in Southern Alberta. 2000.
Optimizing Barley Silage Production in Alberta. 2000.
Agronomic and Fertilizer Management of Barley in Alberta. 2008. **NEW**

Irrigation and Drainage

- 560-1
FS560-3
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FS564-1
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- Irrigation in Alberta. Revised 2001.
Land Classification for Irrigation in Alberta. 2000.
Fertilizer Requirements of Irrigated Alfalfa. Revised 2001.
The Efficiency of Border Strip Irrigation Practices in Alberta. Revised 1991.
Pressure Compensating Emitters for Trickle Irrigation Systems. 2000.
Fertilizing Irrigated Grain and Oilseed Crops. 1993.
Watercourse Improvement and Gully Restoration. Revised 2007.
Grassed Waterway Construction. Revised 1996.

Soil and Water Conservation

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- 570-3
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- Summerfallow and Soil Conservation. 1993.
Residue Management for Successful Direct Seeding. Revised 1999.
Making the Move to Direct Seeding. Revised 2008. **UPDATE**
Soil Quality and Moisture Conservation Benefits of Direct Seeding. 1996.
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Tips and References for Owners of Small Farms and Acreages. 1998.
Working with Ecology: Some Basic Concepts. 2007.
Organisms in the Environment. 2007.
Community Dynamics. 2007.
Emergency Wind Erosion Control Measures. Revised 1998.
An Introduction to Wind Erosion Control. Revised 1998.
An Introduction to Water Erosion Control. 1997.
Using Mulches for Emergency Wind Erosion Control. 2003.
Temporary Barriers for Emergency Wind Erosion Control. 2003.
Protecting Your Valuable Topsoil. 2003.
Emergency Tillage for Wind Erosion. 2003.
Soil Erosion Control for Higher Risk Crops. 2003.
Watercourse Improvement and Gully Restoration. Revised 2007.
Grassed Waterway Construction. Revised 1996.
Managing Nitrogen to Protect Water Quality. 2000.
Managing Phosphorus to Protect Water Quality. 2000.
Managing Feedlot Runoff to Protect Water Quality. 2000.
Managing Cow-Calf Operations to Protect Water Quality. 2000.
Protect Groundwater Quality – Minimize the Risks. 2000.
Manure Management to Protect Water Quality. 2000.
Hog Production and Water Quality: Minimizing the Risks. 2000.
Getting to Know Your Local Watershed. 2002.
Building Community Partnerships. Environmental Stewardship Plans. 2003.
Legume Green Manuring. 1993.
Range and Pasture Management When Dealing with Drought.
Economics of Conservation Farming in the Trochu Region of Alberta. 1995.

Reclamation

- 580-1 **Guide to Using Native Plants on Disturbed Lands.** \$30.00 (for details, see page 45).
- 580-2 **Growing Native Plants of Western Canada: Common Grasses & Wildflowers.** \$30.00 (for details, see page 46).
- 580-3 **Establishing Native Plant Communities.** \$30.00 (for details, see page 46).
- DVD580-4 **Reclaiming Native Prairie.** DVD video. \$20.00 (for details, see page 53).
- DVD580-5 **Restoring Our Native Prairie Heritage.** DVD video. \$20.00 (for details, see page 46).
- 581-1 Logging Private Land in Alberta. 1994.
- 581-2 Conservation and Logging on Private Land in Alberta. 1994.
- FS420/580-1 Managing Feedlot Shutdowns. 1999.
- 420/580-2 Cattle Wintering Sites: Managing for Good Stewardship. 2001.
- FS641-15 Control Options for Downy Brome on Prairie Reclamation Sites. Revised 2007.

Soil Temperature

- FS590-1 Soil Temperature for Germination (A Guide for Timing Seeding Operations).
- FS590-2 Soil Temperature and Direct Seeding. Revised 1999.

Insects, Diseases, Weeds & Pests

Agdex No.

General

606-1

Crop Protection 2009 (the "Blue Book"). \$12.00 (for details, see page 47).

606-2

How Herbicides Work. \$35.00 (for details, see page 47).

Entomology and Beekeeping

616-4

Beekeeping in Western Canada. \$25.00 (for details, see page 48).

FS616-23

Beekeeping for Beginners. 1992.

FS616-24

Honey Bees and Winterkill. 2007.

FS616/830-1

Commercial Honey Industry. Ag-Ventures. Revised 2001.

821-62

Economics of Honey Production in Alberta 2002. Issued 2003.

Plant Insects

(Note: for insect problems in specific crops see Crops or Horticulture sections).

FS620-3

Natural Enemies of Field Crop Insect Pests in Alberta. Revised 1986.

CD620-4

Insect Identification Program. CD-ROM. \$30.00 (for details, see page 50).

FS622-5

Control of Clover Mites. Revised 2004.

FS622-17

Spotted Alfalfa Aphid. 2001.

FS622-19

Diamondback Moth. 1996.

FS622-20

Lygus Bugs in Canola. 1999.

FS622-21

Cabbage Seedpod Weevil. 2001.

FS622-22

Wheat Midge. 2001.

FS622-23

Cabbage Maggot.

FS622-24

Grasshopper: Life Cycle, Damage and Management Strategy.

FS622-25

Bertha Armyworm.

FS622-26

Wheat Stem Sawfly. Revised 2008. 

FS622-27

Grasshopper Management. 2003.

FS625-3

Cabbage Thrips in Alberta. Revised 2001.

FS625-4

Colorado Potato Beetle: Effective Chemical Control. 2006.

FS121/620-1

Insects Associated with Alfalfa Seed Production.

Plant Diseases

(Note: for disease problems in specific crops see Crops or Horticulture sections).

- FS630-1 *Yellows Disease of Echinacea, Monarda and Caraway.* 1996.
FS630-2 *Diseases of Echinacea on the Canadian Prairies.* 1999.
FS636-1 *Fireblight.* Revised 2007.
FS110/632-1 *Fusarium Head Blight of Barley and Wheat.* Revised 2000.
110/632-3 *Alberta Fusarium graminearum Management Plan.* 2002.
FS112/632-3 *Wheat Streak Mosaic in Alberta and its Control.* 1993.
FS140/638-1 *Clubroot Disease of Canola and Mustard.* Revised 2007.
140/638-2 *Alberta Clubroot Management Plan.* 2007.
FS149/632-3 *Blackleg of Canola.* Revised 1997.
FS149/632-4 *Disease Forecasting for Sclerotinia White Stem Rot in Canola.* Revised 2007.
FS258/635-5 *Understanding Bacterial Ring Rot in Potatoes.* 1998.
275/637-4 *Dutch Elm Disease.* 1997.

Weeds

(Note: for weed problems in specific crops see Crops or Horticulture sections).

- 640-4** **Weeds of the Prairies. \$25.00 (for details, see page 48).**
FS640-6 *Scentless Chamomile: Biology and Control.* Revised 2007.
FS640-8 *Resistance of Weeds to Herbicides.* 1994.
640-9 **Weed Seedling Guide. \$10.00 (for details, see page 49).**
640-10 *Common Winter Annual Weeds in Alberta.* 1997.
FS640-11 *Are Your Fields at Risk for Herbicide Resistance?* Revised 2000.
CD640-12 **Weeds Identification. CD-ROM. \$10.00 (for details, see page 49).**
FS641-1 *Biological Control of Weeds on the Prairies.* 2000.
FS641-14 *Water Quality for Mixing Herbicides.* 2003.
FS641-15 *Control Options for Downy Brome on Prairie Reclamation Sites.* Revised 2007.
641-16 **Weed Management. \$60.00 (for details, see page 49).**
FS642-2 *Cleavers Cost you Money.* 1996. Published by Cleavers Action Committee and Ciba.
FS642-3 *Integrated Weed Management Principles: Reducing the Risk of Crop Failure.* 2004.
FS258/642-1 *Guide to Weed Control in Potatoes.* Revised 2007.
FS275/641-1 *Weed Management in Tree Nurseries.* Revised 2007.
FS277/645-1 *Weed Control for Alberta Shelterbelts.* Revised 2007.
FS485/641-1 *Biological Weed Control in Alberta Using Triploid Grass Carp.* Revised 2004.

Animal Insects and Parasites

(Note: for insect problems in specific livestock and poultry enterprises see Animals and Aquatic Life section).

- 650-1** **Veterinary Parasitology: Laboratory Procedures. \$30.00 (for details, see page 49).**
FS651-6 *Black Fly Control.* 1993.

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| 652-1 | Synopsis of the Parasites of Domesticated Mammals of Canada. \$10.00 (for details, see page 50). |
| 652-2 | Synopsis of the Parasites of Vertebrates of Canada. \$10.00 (for details, see page 50). |
| FS655-4 | Hookworms in Dogs. Revised 2001. |
| FS655-5 | Tapeworms in Cats. Revised 2001. |
| FS655-6 | Giardia in Cats. Revised 2001. |
| FS655-7 | Bladder-worm (Beef Measles) in Cattle. Revised 2005. |
| FS655-8 | Liver Flukes in Alberta's Livestock. 2001. |
| FS655-9 | Intestinal Roundworms of Cattle. |
| FS655-10 | Tapeworms (Cysticercosis) in Swine. 2005. |
| FS655-11 | Balantidium in Swine. 2006. |
| FS655-12 | Parasites in Dogs: Tapeworms. 2007. |
| FS663-31 | Giardia in Dogs. 1985. |
| FS420/651-1 | Warble Control in Alberta. Revised 1992. |
| FS485/655-1 | Flatworm Cysts in Fish. 2004. |
| FS485/655-11 | Fish Tapeworm in Man. 2005. |
| 460/661-2 | Horse Health. \$15.00 (for details, see page 42). |
| FS481/655-1 | Hydatid (Cystic) Disease in Alberta's Game-Farmed Elk. 2004. |

Animal Diseases and Poisoning

(Note: for disease problems in specific livestock and poultry enterprises see Animals and Aquatic Life section).

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| FS663-15 | Johne's Disease. Revised 2007. |
| FS663-16 | Coccidioides in Cattle. Revised 2007. |
| FS663-30 | Chorioptic Mange in Cattle. Revised 2001. |
| FS663-31 | Giardia in Dogs. Revised 2001. |
| FS663-32 | Coccidioides in Dogs. Revised 2001. |
| FS663-33 | Mange in Cattle: Demodectic Mange. Revised 2005. |
| FS663-34 | Trichomoniasis in Birds. Revised 2001. |
| FS663-35 | Coccidioides in Chickens. Revised 2001. |
| FS663-36 | Infectious Laryonotracitis (ILT) in Poultry. Revised 2008.  |
| FS663-40 | Lead Poisoning in Cattle. 1991. |
| FS663-42 | Foot and Mouth Disease. 2001. |
| FS663-43 | Chronic Wasting Disease (CWD) of Elk and Deer. Revised 2008.  |
| FS663-44 | Malignant Catarrhal Fever in Bison and Sheep. 2002. |
| FS663-45 | West Nile Virus. Revised 2007. |
| FS663-46 | Avian Influenza. Revised 2008.  |
| FS663-47 | Sarcoptic Mange in Cattle. 2005. |
| FS663-48 | Anthrax: What You Need to Know. 2007. |
| FS666-5 | Moldy Feed and Reproduction Failure in Cows. Revised 2003. |
| 460/661-2 | Horse Health. \$15.00 (for details, see page 43). |

Rodents and Pests

- FS681-1 Control of Beaver Damage. Revised 2005.
- FS682-1 The History of Rat Control in Alberta.
- FS682-2 Rat Control in Alberta. Revised 2005.
- FS683 Mice and Their Control. Revised 1996.
- FS684-1 Control of Pocket Gophers and Ground Squirrels. Revised 2008. **UPDATE**
- FS684-2 Managing Richardson's Ground Squirrel. Revised 2006.
- FS684-5 Biology and Control of Skunks. 1996.
- FS684-7 Protecting Livestock from Predation with Electric Fences. Revised 1997.
- 684-8 Bats of Alberta. 1985.
- FS684-11 Control of Porcupine Damage. Revised 2005.
- FS684-12 Control of Rabbit and Hares. Revised 2005.
- FS684-13 Bat Management.
- 684-14 Methods of Investigating Predation of Livestock. \$8.00 (for details, see page 50).**
- FS684-16 Prevention and Control of Raccoon Damage. 1992.
- FS684-17 Using Electric Fences to Protect Stored Hay from Elk and Deer. 1993.
- FS684-18 Protecting Livestock with Guard Donkeys. 1994.
- 684-19 Coyote Predation of Livestock. \$8.00 (for details, see page 50).**
- FS685-3 An Improved Magpie Trap. Revised 2005.
- FS685-6 Starlings and Their Control. Revised 2005.
- FS685-7 Swallow Control.
- FS685-8 House Sparrows and Their Control. 2001.
- FS450/684-1 Prevention of Predator Damage in Poultry Flocks.
- FS485/685-1 Predator Damage Control in Cultured Fish. 1999.

Agricultural Engineering

| Agdex No. | Farm Buildings |
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| FS711-1 | Portable Windbreak Fences. 2002. |
| FS716(H30) | Sewage Disposal Systems |
| FS716(H31) | Freezing Process Benefits Hog Manure Treatment. 1999. Freezing Cleans Food Processing Wastewater. 1999. |
| FS717-10 | Heating, Lighting and Ventilation Build Your Own Air Mixing Chamber. Revised 1993. |
| Farm Water | |
| FS716(A01) | General |
| DVD716-1 | Drought Proofing Farm Water Supplies. Revised 2008. UPDATE |
| 716(A10) | Water Wells That Last for Generations. DVD video. \$20.00 (for details, see page 51). |
| FS716(A15) | Water Wells That Last for Generations. Revised 2003. |
| FS716(A20) | Spring Development. 2002. Small Earth Fill Dams. 2002. |
| 716(B01) | Dugouts |
| FS716(B32) | Quality Farm Dugouts. 2002. |
| FS716(B34) | Seepage Control in Dugouts. Revised 2001. |
| FS716(B36) | Float Suspended Water Intake for Dugouts. Revised 2002. |
| FS716(B37) | Aeration of Dugouts or Ponds with Compressed Air. Revised 2008. UPDATE |
| FS485/716-1 | Hydrated Lime Treatment Improves Dugout Water Quality. Revised 2004. Constructing Dugouts for Fish. 2000. |
| FS716(C01) | Water Systems |
| FS716(C10) | Farm Water Supply Requirements. Revised 2008. UPDATE |
| FS716(C11) | Choosing a Water Pump. Revised 1993. |
| FS716(C12) | Deep Well Jet Pumps. Revised 2008. UPDATE |
| FS716(C14) | Shallow Well Jet Pumps. Revised 2000. |
| FS716(C28) | Submersible Pumps. Revised 2007. |
| FS716(C29) | Pump Houses. Revised 2008. UPDATE |
| FS716(C31) | Pitless Adaptors. Revised 2005. |
| FS716(C44) | Pressure Tanks. Revised 2005. |
| FS716(C51) | Pasture Pipeline Design. Revised 2000. |
| FS716(C52) | Frost Free Yard Hydrants. Revised 2008. UPDATE Automatic Livestock Waterers. Revised 2008. UPDATE |

- FS400/716 (C30) Remote Pasture Water Systems for Livestock. 2007.
FS400/716-2 Water Analysis Interpretation. Revised 2007.
FS400/716-4 Pasture Watering Systems: A Cost Comparison. 2003.

Water Analysis and Treatment

- FS716(D04) Chemical Analysis Interpretation of Domestic Farm Water Supplies. Revised 2007.
FS716(D11) Alternatives for Iron Removal.
FS716(D12) Shock Chlorination and Control of Iron Bacteria. Revised 2007.
FS716(D14) Removing Hydrogen Sulphide from Water. 1994.
FS716(D18) Dissolved Gases in Well Water. Revised 2006.
FS716(D32) Water Softening. Revised 1991.
FS716(D36) Reverse Osmosis Water Treatment. Revised 1991.
FS716(D43) Small Water Filters for Taste, Odour and Sediment Removal. Revised 2007.
FS716(D62) Water Distillers. Revised 2007.
FS716(D63) Methane Gas in Well Water. 2006.
FS400/716-1 Water Requirements for Livestock. Revised 2005.
FS400/716-2 Water Analysis Interpretation. Revised 2007.
FS400/716-4 Pasture Watering System: A Cost Comparison. 2003.

Livestock Buildings and Equipment

(Note: for information on buildings and equipment relating to specific enterprises also see Animals and Aquatic Life section).

- FS720-1 Evaluating Livestock Housing Environments: Principles of Measuring Indoor Air Quality. 2007.
FS720-2 Evaluating Livestock Housing Environments: Instruments for Measuring Indoor Air Quality. 2007.
FS720-3 Evaluating Livestock Housing Environments: Optimizing Ventilation Performance. 2007.
721-7 Milkhouse Floors.
724-6 Fencing with Electricity. \$10.00 (for details, see page 51).
FS726-1 Silo Gas (NO_2) Safety. 2004.
727-1 Meat Processing Facilities in Alberta. \$50.00 (for details, see page 52).
FS729-1 Earthen Manure Storage Seepage. 2001.
FS729-2 Methane (CH_4) Safety. 2004.
729-3 Solid-liquid Separation of Livestock Manure. 2008. **NEW**
FS729-4 Ammonia Emissions from Confined Feeding Operation (CFOs): Control and Mitigation. 2008. **NEW**
FS420/721-1 Bedding Without Straw. Revised 2004.
420/723-1 Corrals for Handling Beef Cattle. \$12.00 (for details, see page 41).
DVD420/723-2 Cattle Handling: Psychology of a Cow. DVD video. \$20.00 (for details, see page 42).
460/722-1 Horse Handling Facilities. \$15.00 (for details, see page 43).
492/723-1 Bison Handling Facilities. \$15.00 (for details, see page 45).
DVD492/723-2 Handling Bison: Safely and Effectively. DVD video. \$25.00 (for details, see page 45).

Crop Buildings and Equipment

- 731-5
 732-15
 FS736-9
 FS736-13
 736-14
- Hobby Greenhouses in Alberta. \$8.00 (for details, see page 52).
Home Vegetable Storage. \$3.00 (for details, see page 52).
 Solar Grain Drying.
 Management of Cereal Grain in Storage.
 Fresh Fruit and Vegetable Precooling for Market Gardeners in Alberta. 2002.

Field Machinery

- FS740-4
DVD740-5
- Shop Work Orders for Farm Machinery Repairs. Revised 2008. **UPDATE**
Iron Beasts: A Guide to Tractor Management. DVD video. \$20.00 (for details, see page 52).
- FS743-1
 FS747-1
 FS748-1
 086-1
- Liquid Manure Injection Systems: Performance Evaluation. 2005.
 Build Your Own Pea Sheller.
 Build Your Own Land Roller with Transport Wheels.
 Make It Safe. Make It Visible...Safe Transport of Farm Equipment on Highways. 1999.

Farm Power

- FS768-1
 FS768-2
 FS768-3
 FS768-4
- Anaerobic Digesters. Revised 2008. **UPDATE**
 Anaerobic Digesters: Frequently Asked Questions. Revised 2008. **UPDATE**
 Biogas Energy Production in Alberta. Revised 2008. **UPDATE**
 Integrating Biogas, Confined Feedlot Operations and Ethanol Production. Revised 2008. **UPDATE**
- FS768-5
 FS768-6
 769-1
 FS452/771-1
- Biogas: Cleaning and Uses. 2008. **NEW**
 Economic Feasibility of Anaerobic Digesters. 2008. **NEW**
 Farm Fuel Storage and Handling. 2008. **NEW**
 Save Hundreds on Your Energy Costs: Lighting for Broiler Chicken Barns. 2003.

Shop and Mechanics

- 780-1
- Farm Workshops. \$5.00 (for details, see page 53).

Agricultural Economics

Agdex No.

Farm Management

- FS811-2 Identifying Alternatives – What Are the Possibilities. Ag-Alternatives. Revised 2003.
- FS811-3 Financial Feasibility: Can You Afford to Do It? Ag-Alternatives. Revised 2003.
- FS811-4 Production Requirements: Do You Have the Resources? Ag-Alternatives. Revised 2003.
- FS811-5 Decision Making: Will You Start a New Enterprise? Ag-Alternatives. Revised 2003.
- FS811-6 Profitability: Will It Make Money? Ag-Alternatives. Revised 2003.
- 812-5 Leasing Cropland in Alberta. \$12.00 (for details, see page 53).**
- FS812-17 Transferring Farm Property. Ag-Succession. 2003.
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- 816-1 Negotiating Cow Lease Arrangements. \$5.00 (for details, see page 53).**
- FS848-5 Marketing – Will It Sell? Ag-Alternatives. 2000.
- 1834-9 Finding Common Ground: Negotiating Agreements. \$8.00 (for details, see page 55).**
- FS1834-10 Personal and Family Considerations – Where Do You Want To Be? Ag-Alternatives. Revised 2003.

Farm Law

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- FS817-14 Questions and Answers About Farm Debt. 2001.

Farm Accounting, Records, Business Analysis, Farm Office

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Production Economics

- 821-1 Dairy Cost Study: Economics of Milk Production in Alberta 2007. **NEW**
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- FS435/821-1 Meat Goat Profits. Revised 2004.

Farm Labour and Labour Economics

- FS823-1 Choosing a Consultant: An Investment in Your Agricultural Business. Ag-Strategies. 2004.
- FS1834-40-1 Supervision: Your Role as an Employer. 1991.
- FS1834-40-2 Recruiting and Hiring Farm Employees. 1991.
- FS1834-40-3 Training and Motivating Farm Employees. 1991.

Agri-Business, Finance

- FS832-2 Working With Your Lenders – Keep Them in the Loop. Revised 2004.

Business Development

- FS153/830-1 Industrial Hemp Enterprise. Ag-Ventures. 2000.
- FS230/830-1 Commercial Strawberry/Raspberry Industry. Ag-Ventures. 1998.
- FS250/830-1 Fresh Vegetable Market Gardening Industry. Ag-Ventures. Revised 2008. 
- FS250/830-2 Commercial Greenhouse Vegetable Production. Ag-Ventures. 2001.
- CD263/830-3 Herbs and Spice. CD-ROM. \$25.00 (for details, see page 48).
- FS275/830-1 Commercial Tree Nursery Industry. Ag-Ventures. Revised 2006.
- FS300/830-1 Private Woodlot Enterprise. Ag-Ventures. Revised 2003.
- FS435/830-1 Commercial Meat Goat Industry. Ag-Ventures. Revised 2006.
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- FS485/830-1 Fresh Water Aquaculture Industry. Ag-Ventures. Revised 2006.
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FS430/845-1 Direct Marketing Meats...Selling Freezer Lambs. 2005.
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FS440/845-1 Direct Marketing Meats...Selling Freezer Pork. 2005.
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Agricultural Statistics

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852-3 **1996 Census of Agriculture for Alberta.** \$25.00 (for details, see page 54).
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FS853 Agriculture Statistics Fact Sheet. Revised 2008. **UPDATE**

Farm Policy

- 878-1 Negotiating Surface Rights. Revised 2008. **UPDATE**
878-3 Leasing Mineral Rights. Revised 1998.
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Agri-tourism

- FS888-1 Country Vacation Profits...A Start-up Country Vacation Enterprise. Revised 2005.
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Books and Videos For Sale

General



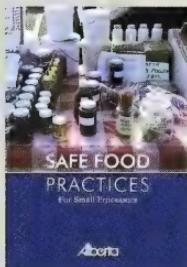
Alberta

Planning a Bench Show

Using a step-by-step format, this guide is a good reference for anyone planning their first bench show. The hints, activities and ideas are also useful to established committees looking for ideas to improve their show. It covers such topics as developing a plan, budgeting, working with volunteers, preparing the prize list, advertising, hiring judges, displaying exhibits, and evaluation. It also includes worksheets that can serve as an ongoing record for future planning committees. This workbook comes three-hole punched, and is ready to be inserted into any standard binder. 73 pages.

Agdex 007-2

\$5.00



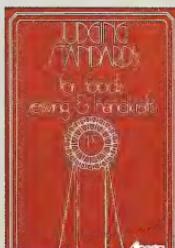
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Safe Food Practices for Small Processors - VIDEO

Marketing to the public carries a lot of responsibility. Of course, your product has to taste good, but it also has to be free of contamination. Food safety should be a main concern for any company producing a food product. This video can show you the way to ensuring a contaminant-free product. It outlines the basics of good manufacturing practices and points out a number of steps you can follow to make sure your food is safe. Whether you're an emerging business selling your product at Alberta-approved farmers' markets or a growing business selling your product into the specialty food market, this video is for you! (26 min.)

Agdex DVD089/845-1 (DVD format)

\$20.00



Alberta

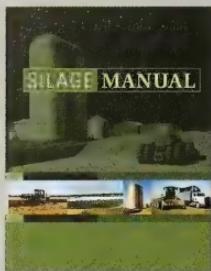
Judging Standards for Foods, Sewing & Handicrafts

This book gives the standards of quality for a variety of foods, sewing and handicraft articles. Both judges and exhibitors will find it helpful for identifying specific techniques and points to consider relative to texture, flavor, design and other characteristics. 30 pages.

Agdex 980-10

\$1.00

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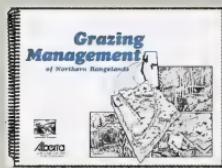


Silage Manual

Concerned about winter feed for your livestock? Check out the Silage Manual! Silage systems can help producers develop nutritious, cost-effective feed supplies. Examining all aspects of silage making will help producers balance costs against benefits and weigh advantages against disadvantages. In the Silage Manual, a team of specialists discusses key topics such as ensiling process, crops for silage, silage additives and harvesting. 84 pages.

Agdex 120/52-2

\$15.00



Grazing Management of Northern Rangelands

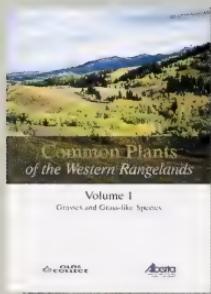
Learn to develop a range management plan that increases your cattle production and profits on northern, forested rangeland. In this course, you will learn how to

- identify forested rangeland community types and plants
- complete a range inventory
- set stocking rates that are sustainable
- use livestock distribution tools
- manage riparian areas

Also includes Northern Range Plants (see page 34 for details), a planning book to develop a management plan, and a journal for ongoing monitoring of your rangeland.

Agdex 134/14

\$65.00



Common Plants of the Western Rangelands: Volume 1 – Grasses and Grass-like Species

This book is a must for anyone who wants to identify the grasses and grass-like species that occupy the western rangelands. Whether you're a student, agronomist, ecologist, naturalist, rancher, farmer or amateur botanist, you'll find this book is an indispensable identification tool.

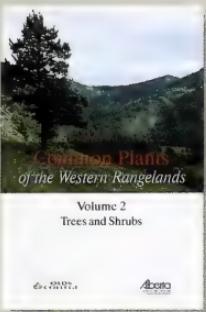
The book features black and white illustrations, descriptions and taxonomic keys that help you identify any grass, sedge or rush that grows on western rangelands. 355 pages.

This comprehensive book features:

- information on over 200 grasses and grass-like species
- a helpful glossary of terms
- hundreds of drawings showing the whole plant, roots, seed heads, and close ups of identifying features such as ligules and auricles
- vegetative grass keys
- detailed written descriptions of growth habits, blades, sheaths, ligules, heads, similar species, habitat and distribution, forage value, and grazing response
- a handy coil-bound, 6" x 9" field-use size

Agdex 134/30-1

\$25.00



Common Plants of the Western Rangelands: Volume 2 – Trees and Shrubs

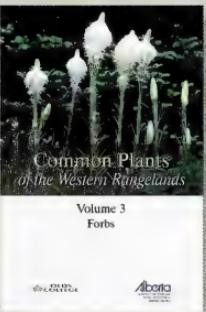
This book is a must for anyone who wants to identify the trees and shrubs that occupy the western rangelands. Whether you're a student, agronomist, ecologist, naturalist, rancher, farmer or amateur botanist, you'll find this book is an indispensable identification tool. The book features black and white illustrations, descriptions and taxonomic keys to help you identify the trees and shrubs that grow on western rangelands. 192 pages.

This comprehensive book features:

- information on 148 species of trees and shrubs
- a helpful glossary of terms
- hundreds of drawings showing the vegetative and reproductive features used to identify tree and shrub species
- simplified plant keys that enable you to differentiate one species from the next
- detailed written descriptions of growth habits, blades, inflorescence, similar species, habitat and distribution, forage value, and grazing response
- a handy coil-bound, 6" x 9" field-use size

Agdex 134/30-2

\$20.00

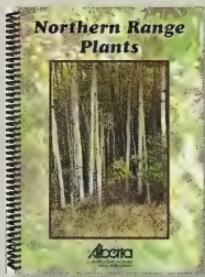


Common Plants of the Western Rangelands: Volume 3 – Forbs

This book is a must for anyone who wants to identify the forbs that occupy the western rangelands. Whether you're a student, agronomist, ecologist, naturalist, rancher, farmer or amateur botanist, you'll find this book is an indispensable identification tool. The book features black and white illustrations, descriptions and taxonomic keys to help you identify the forbs that grow on western rangelands. This comprehensive book features 505 coil-bound pages of information on 249 species of forbs, a helpful glossary of terms, hundreds of drawings showing the vegetative and reproductive features used to identify forbs, simplified plant keys that enable you to differentiate one species from the next, and detailed written descriptions of growth habits, blades, inflorescence, similar species (described and illustrated), habit and distribution, forage value, and grazing response. 505 pages.

Agdex 134/30-3

\$30.00



Northern Range Plants

This plant identification book, designed for anyone interested in the Boreal Mixed wood plants of northern Alberta, contains line-drawings, full-color photos, and identification tips for over 140 native trees, shrubs, forbs and grasses and 15 tame forage species. Notes on cattle forage value and general habitat are also included for each plant. Northern cattle producers will find the descriptions of common community types, range condition scorecards and recommended grazing capacities helpful when planning grazing management for their forested, riparian or tame pastures.

Agdex 134/420-1

\$25.00



Pulse Crops in Alberta

Whether you are looking to diversify or already growing them, this book is a "must have" for anyone interested in pulse crops. Learn the basics about pulse production or get more specifics in the full-color pages on field pea, dry bean, lentil and fababean. It also contains information on some lesser-known pulses in Alberta: chickpea, fenugreek, grasspea, lupin and soybean. The book is fully illustrated in color with over 250 photographs, charts, illustrations and tables. 150 pages.

Agdex 142/20-1

\$25.00



Commercial Echinacea Production

Interested in a new crop? Looking for comprehensive information? Then take a look at Commercial Echinacea Production. This book offers new producers the information they need to grow a quality crop, or it can help others decide whether to invest in or enter the industry. Numerous tables and pictures show a wealth of detail, and a colour section shows key echinacea features and common pest problems. 134 pages.

Topics:

- production practices (field or greenhouse)
- economics
- business and marketing considerations
- good agricultural practices
- further information sources

Agdex 188/20-1

\$25.00

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Computer software available from

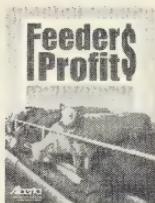
Alberta Agriculture and Rural Development's Publications Office



CowBytes - Computer Software

CowBytes is an easy-to-use computer software program that gives you a quick method for balancing or checking beef cattle rations. You are able to balance for all the major nutrients and most of the micro-nutrients. The program calculates the nutrient values of the rations based on the amount of each feed selected. CowBytes incorporates the 1996 National Research Council (NRC) beef formulas. Using this software it is also possible to evaluate feedstuffs and animal productivity and make decisions that could result in lower feed costs.

Agdex SW420/51-2 \$200



FeederProfit\$ - Computer Software

FeederProfit\$ software is a decision-making tool for cattle producers. It provides a flexible and user-friendly way of comparing the economics of three feeding alternatives. FeederProfit\$ allows for the comparison of up to three alternatives that may contain up to five feeding programs. The feeding program includes creep feeding, preconditioning, backgrounding, grassing and finishing.

Agdex SW400/62-1 \$150



CowProfit\$ - Computer Software

CowProfit\$ helps beef cow-calf operators calculate their cost per unit of production. The program is designed to calculate the cost per pound of calf produced as well as per cow wintered. You can use these indicators to make management decisions by determining profitability levels, defining trends and comparing individual data against group averages. The program is designed to analyze the economic and financial performance of a beef cow-calf operation starting with "whole-farm" numbers from your accounting system, record book or tax return. It also does some enterprise analysis on those enterprises that directly impact the cow-calf enterprise, such as forage or pasture.

Agdex SW821-2 \$150

Minimum system requirements for all software:

Pentium with Intel, Celeron, AMD Processor

Windows 95/98, NT, 2000 ME, XP

Note: These software programs are not compatible with Vista.

Package Sets

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| Option 1 | CowBytes and CowProfit\$ | \$325 |
| | CowBytes and FeederProfit\$ | \$325 |

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For software support, please call 780-427-4309.

To order, call 1-800 292-5697 (toll free in Canada)

Horticulture

Commercial Greenhouse Production in Alberta

Since greenhouse systems are complex, many growers simplify the many decisions they must make by using specific indicators. Knowing and understanding these basic indicators will help:

- to evaluate the greenhouse environment
- to implement ways to enhance the greenhouse environment
- to achieve optimum crop performance

Anticipating crop needs and responding effectively to crop changes will lead to successful green house production. Find out how! 52 pages.

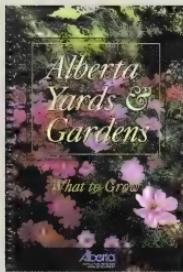
Agdex 200/15-1

\$8.00



Commercial
Greenhouse Production
in Alberta

Alberta



Alberta Yards & Gardens - What to Grow

Alberta Yards & Gardens: What to Grow is a fresh look at what grows best in Alberta. This book provides the information you need to successfully grow ornamental trees and shrubs, small fruits and berries, flowers, vegetables, herbs and even water plants. This book helps both the hobby gardener and the serious horticulturist deal with the extreme growing conditions in this province.

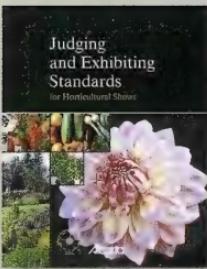
Includes tips and techniques for:

- pruning
- wintering roses
- container gardening
- attracting birds and butterflies
- growing herbs
- water gardening

The wealth of information contained in this book can be applied to large rural or suburban gardens, or to a small balcony garden in the city. Whatever your needs, Alberta Yards & Gardens: What to Grow helps you make good choices. 236 pages.

Agdex 200/32-1

\$15.00



Judging and Exhibiting Standards for Horticultural Shows

This is a revision of the old Judging Standards for Horticultural Shows. It is THE book that Alberta Horticultural Association judges will follow when judging exhibits.

This new edition simplifies the guidelines so that beginner and novice alike can interpret them with little difficulty, while providing clarity for the more experienced judge and exhibitor.

This book includes:

- updated information on all flower, vegetable and fruit classes
- a recommended show schedule including correct terminology and wording
- updated scales of points
- sections on photography, floral arrangements, judging systems, planning a show, yards and gardens, agricultural exhibits and much more!

Judging and Exhibiting Standards for Horticultural Shows is a must-have for judges, exhibitors and anyone interested in horticultural shows.

155 pages.

Agdex 200/47

\$12.00

Garden-fresh Produce: Picking, Preserving and Preparing

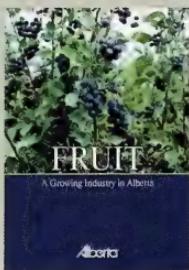
Whether you buy or grow your own fresh produce, Garden-fresh Produce: Picking, Preserving and Preparing helps you enjoy your vegetables and berries to the fullest. This 56-page book features an easy-to-read format that covers information on pickling safety, beets, broccoli and cauliflower, cabbage, carrots, corn, cucumbers, making jam and jelly, peas, pumpkins, raspberries, rutabaga, saskatoons, snap beans, squash, strawberries and tomatoes. 56 pages.

Agdex 200/74-1

\$4.00

Picking, Preserving and Preparing
Garden-fresh Produce





Fruit: A Growing Industry in Alberta - VIDEO

Combines two related titles on one DVD:

Pick of the Crop

Considering turning your berry patch from backyard hobby to commercial U-pick operation? Today, more and more farmers are discovering the value of berry fruits as an alternate crop. Discover the hows and whys of getting in on this lucrative market. Also includes segments on shelterbelt location, site preparation and irrigation options.

Ins And Outs of Saskatoon Production

Saskatoon production is a growing industry in Alberta. Successful commercial and U-Pick operations owe their success to planning and to knowledge about this interesting and versatile fruit. If you're looking to improve your Saskatoon crop, or are just getting started in the business, this video will show you what to look for, what to avoid and the steps you can take to ensure a profitable saskatoon harvest. (Total running time - 28 min.)

Agdex DVD230/845-1 (DVD format) \$20.00

Commercial Strawberry Production on the Prairies

Specialists from each of the Prairie provinces have contributed their expertise to Commercial Strawberry Production on the Prairies. This book shows you how to start and maintain a commercial strawberry planting, what cultivars are available, what equipment is needed and what food safety guidelines have to be implemented. Colour photos show the common diseases and pests that could affect your commercial strawberry crop. An extensive resource section points you to a wealth of information about strawberry production. 106 pages.

Agdex 232/20-1 \$20.00

Commercial Greenhouse Bell Pepper Production in Alberta

Learn how to successfully grow this popular greenhouse crop. Covers a number of production and pest issues, including selecting cultivars, pepper plant propagation, plant signals, end of season cleanup, biological control of pests, and diseases of sweet pepper. Includes pictures and line drawings. You'll get lots out of this handy publication! 44 pages.

Agdex 257/15-1 \$8.00



Commercial Greenhouse
Tomato Production
in Alberta

Agdex

Commercial Greenhouse Tomato Production in Alberta

Contains the detailed information you need to ensure successful crops. The two focal points of the book are commercial tomato plant propagation and pest/disease management. The propagation section covers seeding, transplanting, various types of greenhouse setups and systems, plant training and pruning, flowering, pollination, and harvesting. You'll learn the basics of successful greenhouse tomato production. The second part of the book tells you how to manage pests and diseases. This section provides the key components of effective pest and disease control programs. 47 pages.

Agdex 257/15-2

\$8.00



Herbs and Spice CD-ROM

Interested in the herb and spice industry in Alberta and its potential as a small-acreage diversification option? This CD-ROM has detailed information about the industry, in a user-friendly format complete with video and photos. It's got what you want to know about the aromatic, medicinal and culinary varieties of herbs and spices that have shown potential for Alberta producers.

Also featured is an interactive business-planning component designed to help determine whether herbs and spice will work for you, while providing the marketing and resource information you'll need to diversify into herb or spice production.

A great resource for agricultural producers, acreage owners, or anyone interested in this fast-growing industry.

Agdex CD263/830-3

\$25.00



Pruning in Alberta

This book takes the mystery out of pruning. It shows how to control and maintain your trees and shrubs without distorting their natural form and beauty. You'll also learn how to increase fruit harvest and improve flowering. 15 pages.

Agdex 270/24-1

\$3.00



Landscaping Alberta Yards

Do-it-yourselfers who are planning to landscape a residential lot will find this book helpful. It shows you how to develop a landscaping plan that will improve the appearance of your home and add to your family's comfort, convenience and contentment. You'll learn how to avoid common mistakes and you'll increase the value of your property. 23 pages.

Agdex 271/17-2

\$3.00

Shelterbelt Varieties for Alberta

Field shelterbelts conserve soil, protect crops, trap snow, provide wildlife habitat and beautify the landscape. This booklet provides information about shelterbelt species and recommendations for their suitability for various locations in Alberta. It gives you color photographs of 32 trees and shrubs. The description for each species discusses plant characteristics, fall colour, site preference, hardiness, uses, problems, diseases, insects and pruning. 70 pages.

Agdex 277/33-1

\$6.00

Animals and Aquatic Life

What's the Score? Body Condition Scoring for Livestock CD-ROM

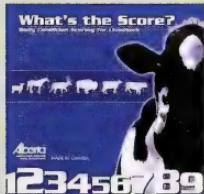
This package of two CD-ROMs is designed to help livestock producers and horse owners determine the body condition score of their animals. Proper body condition is essential to the profitability of your operation and the well-being of your animals. Body conditioning affects the production, fertility, reproduction success and general health of your herd. Animals that are too thin or overweight just aren't efficient.

The first CD-ROM in this package outlines the importance of body condition scoring. It uses both video and animation to show you the ideal body condition scores for beef cattle, dairy cattle, horses, elk, bison or sheep. It also shows you exactly how to properly score your animals.

The second CD-ROM features several information factsheets about body condition scoring and related topics.

Agdex CD400/40-1

\$10.00





Cattle Nutrition

Good nutrition maintains and increases herd health and productivity. You will learn to identify cattle nutrition problems and keep feeding costs down. Topics include

- nutrition and physiology
- energy and protein
- major minerals
- trace minerals and vitamins
- what's in a feed
- beef ration formulation
- dairy ration formulation
- applied cattle nutrition

Agdex 400/51

\$45.00

Animal Health for Cattle

This course provides you with practical guidelines on how to recognize animal disease and take appropriate first aid and emergency care measures before you call a veterinarian. The five core chapters cover:

- causes of and resistance to disease
- signs and diagnosis of disease
- disease treatment
- herd health management
- accidental poisoning

There are also four chapters on cattle diseases.

Agdex 400/660

\$45.00

Firm Steps: Identifying Lameness in Dairy Cattle CD-ROM

This two CD-ROM package will help you:

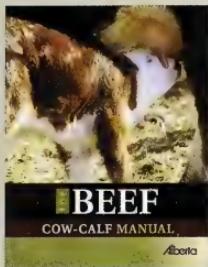
- detect lameness in your dairy herd at an early stage
- take steps to fix the problem
- reduce the severity and cost of lameness
- improve the welfare of your dairy cattle.

Learn how to gait score by looking at seven specific behaviors that indicate lameness:

- reluctance to bear weight
- irregular stepping
- poor tracking
- jerky head movement
- joint stiffness
- rear leg lateral movement
- arched back

Agdex 410/20-1

\$20.00 (2 CD package)

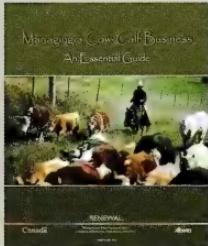


The Beef Cow-calf Manual

The fourth edition of The Beef Cow-calf Manual features 282 pages of the most up-to-date information available for cow-calf producers. You'll find sections about genetics, economics, calf management, nutrition and feeding, animal health, pests, handling facilities and fencing, herd management and Internet resources. Over 250 colour photos, tables and figures help make this all-new book a great resource for both the new and the experienced producer.

Agdex 420/10

\$30.00



Managing a Cow-Calf Business: An Essential Guide NEW

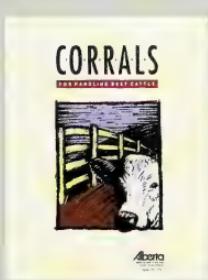
This manual/CD-Rom set is targeted at adults who are interested in starting a cow-calf operation. Using an educational design this package walks you through the different areas you need to manage to have a successful operation. There are modules on:

- big picture management
- genetics
- nutrition
- reproduction
- herd health
- grazing management
- environmental best management practices
- marketing
- finance and economics
- human resource management
- cattle handling and feeding management
- getting started – building your plan

Each module contains a general overview, a list of key points, interactive learning exercises, an explanation of basic concepts and a summary featuring strategies and targets.

Agdex 420/10-2

\$50.00



Corrals for Handling Beef Cattle

This best-selling book features information on cattle behavior, handling techniques, corral design, corral geometry and corral components. It's packed with over 60 designs and corral plans. Industry experts including Temple Grandin, the internationally recognized expert on cattle behavior from Colorado State University, have reviewed it. Everyone interested in handling cattle should have this comprehensive guide. 91 pages.

Agdex 420/723-1

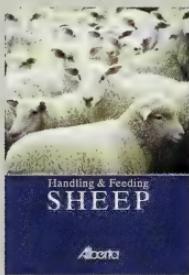
\$12.00



Cattle Handling: Psychology of a Cow - VIDEO

Why do cattle act the way they do? The answer can be your key to developing a better cattle-handling facility, and make handling faster, safer and less labour-intensive. Learn about cattle psychology from the animal's point of view!
(20 min.)

Agdex DVD420/723-2 (DVD format) \$20.00



Handling & Feeding Sheep - VIDEO

Because of their smaller size and easy temperament, sheep must be cared for and handled differently than other livestock. Even so, planning is still the key. This video gives you the information you need to plan your operation and to handle sheep more efficiently, using better facilities, better designs and a better understanding of the animal itself. Find out how! (12 min.)

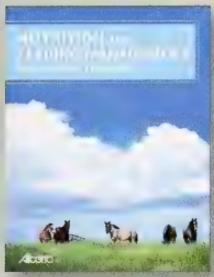
Agdex DVD430/10-2 (DVD format) \$20.00

Meat Goats

Meat Goats

Whether you are just starting out or are an established meat goat producer, this book, with 25 illustrations and photos, record keeping charts, and a meat herd management calendar, will provide you with new insights into meat goat production. Meat Goats examines all the important issues related to raising kids and adult goats including nutrition, reproduction and disease control. It also describes the facilities you will require for housing goats and the many routine management activities involved in successful goat production. This second edition contains some updated information. 74 pages.

Agdex 435/20-1 \$15.00



Nutrition and Feeding Management for Horse Owners NEW

It's a fact - good nutrition and a good feeding program are keys to having a happy, healthy horse. But with all of the feeds and feedstuffs available, it's hard to be sure you're making the best nutritional choices. Well, here's some help! This manual examines horse nutrition and nutritional content of feeds so that good horse feeding programs can be designed.

This manual covers:

- the nutrient content of different feeds
- feeding management for different classes of horses
- basic digestive physiology (113 pages)

Agdex 460/51-1

\$20.00

Horse Health

Thoughtful horse owners will love this book. It's packed with information, photographs and illustrations that will give you a thorough understanding of parasites, pests, infectious diseases, lameness and other common medical problems that can affect your horse's health. It shows you how to prevent problems before they begin. Learn how to treat problems yourself and when to call the veterinarian! 53 pages.

Agdex 460/661-2

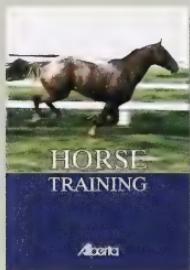
\$15.00

Horse Handling Facilities

Anyone who keeps horses will find this book is an invaluable reference. It features information on horse stable designs, site planning, horse shelters, corral and fence construction, manure handling, feed storage and handling, and riding arenas. It tells you how to plan and build these facilities and shows the details with 63 color photos, illustrations and diagrams. 60 pages.

Agdex 460/722-1

\$15.00



Horse Training - VIDEO

Combines four popular titles on one DVD.

Basic Horse Training

Bill Collins, a well-known horse trainer from Cochrane, Alberta, demonstrates the proper techniques for training a pleasure horse. Excellent for 4-H horse clubs and other individuals or groups interested in training riding horses.

Horse Training

Bill Collins deals with the next stage after "basic training." Learn how to use mechanical aids, from the snaffle bit to the full bridle. Learn how to perform basic maneuvers such as circles, jogs, lopes, gallops, stops, flying lead changes and sidepasses.

Training of the Western Horse

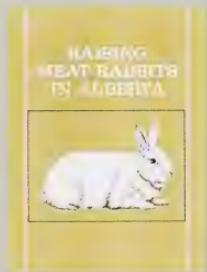
The third in the series on how to train a western show horse. Five of the top riders in Alberta describe how they approach the training of a quarter horse for pleasure, riding, trail riding, reining, working cow horse and cutting competitions.

Loading and Trailering Horses

Safety for the horse and the handler while loading and hauling is the main focus of Bill Collins, one of Canada's leading trainers. He looks at selecting the appropriate vehicle and trailer, safety features and how to drive. Also discusses training a young horse to load properly and working with the problem horse.

(Total running time - 86 min.)

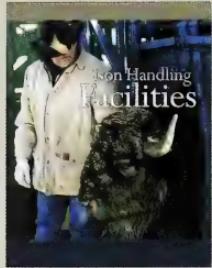
Agdex DVD462/40-1 (DVD format) \$30.00



Raising Meat Rabbits in Alberta

This book gives you the general principles of rabbit raising. It tells you how to choose a breed and buy your stock. Building and equipment requirements are discussed and illustrated. There are also sections on nutrition, reproduction, breeding problems, how to raise litters, diseases, breeding systems, and record keeping. 58 pages.

Aqdex 476/20-1 \$5.00



Bison Handling Facilities

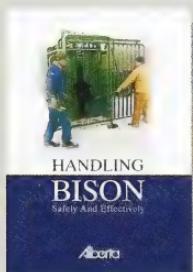
This coil-bound book is a must for anyone considering building a new bison facility or remodelling an existing facility. The book contains information about the different components of a well-planned bison handling facility. The book is full of colour photos, drawings and handling facility plans. 49 pages.

This book features information about:

- why bison act the way they do, as well as tips for handling them
- catch pens, cutting pens, crowding alleys, squeezes and sorting pens
- animal flow, fence design, gate latches and safety ideas
- what materials are required to build each facility

Agdex 492/723-1

\$15.00



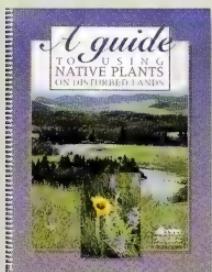
Handling Bison: Safely and Effectively - VIDEO

Proper bison handling reduces stress and results in improved overall animal health, better carcass quality and fewer injuries to both animal and handler. This video shows the strategies and techniques to help you handle bison more effectively. Learn basic bison psychology and how to apply it to both facility design and animal handling. (38 min)

Agdex DVD492/723-2 (DVD format)

\$25.00

Soils, Water and Reclamation

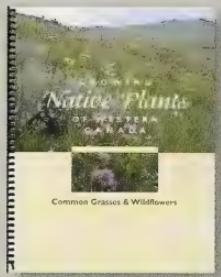


Guide to Using Native Plants on Disturbed Lands

This book provides useful and up-to-date information for the reclamation industry, seed producers and nurseries, land management agencies, municipalities, landscapers and gardeners. It lists the native plants suited to the various natural regions and site types across Alberta. It also provides detailed information about the ecology, reproduction, habitat and availability of 130 native grasses, 260 wildflowers, 80 shrubs and 13 tree species. Other features are tips on seeding rates, timing, and methods to help reduce costs and seeding failures. 250 pages.

Agdex 580-1

\$30.00

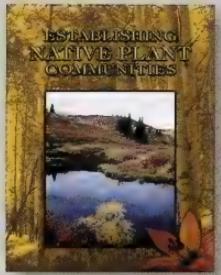


Growing Native Plants of Western Canada: Common Grasses & Wildflowers

With over 100 pages of text and photographs, this book takes an in-depth look at 48 species of native plants that have shown promise for ecological repair. This book will help anyone interested in collecting, growing and commercially producing native plants. Users might include private and public land managers, land reclamation engineers, conservation and reclamation consultants, range ecologists, wildlife and habitat biologists, seed producers, nursery operators, landscapers and gardeners. 118 pages.

Agdex 580-2

\$30.00



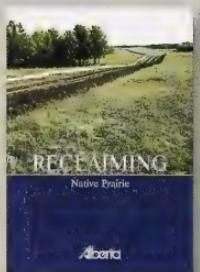
Establishing Native Plant Communities

This book will help anyone who is planning or implementing a native plant revegetation project. It addresses the specifics of native revegetation and methodology that are not covered in the provincial government's Native Plant Revegetation Guidelines for Alberta. Establishing Plant Communities contains information on planning, field operations, site management and assessment, as well as over 100 colour photos.

The planning section features information about setting goals, disturbance types, site location and conditions, land use planning, revegetation methods, salvaging materials, the availability of materials and purchasing materials. The field operations section deals with site preparation, seeding, planting and ensuring establishment. The management section looks at weed control, maintenance and site protection. The assessment section looks at record keeping, rare plant mitigation and evaluating site success. Appendices include a seed mix calculator and information about new taxonomy, germination and the establishment of various species. 93 pages.

Agdex 580-3

\$30.00

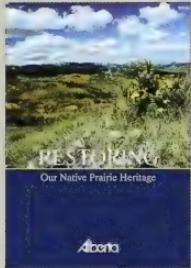


Reclaiming Native Prairie - VIDEO

Industrial activity on public land often involves stewardship of the native prairie. Drilling and pipeline construction permits can require the operator to reclaim the disturbed land and bring it back to a natural state. The reasons why this is important, the steps involved, the pitfalls to watch out for, and a whole host of ideas are included in this video to help make your reclamation project go as smoothly and efficiently as possible. (21 min.)

Agdex DVD580-4 (DVD format)

\$20.00



Restoring Our Native Prairie Heritage - VIDEO

Our native prairie has almost disappeared from the landscape due to urbanization, agricultural expansion and the introduction of non-native plants to the eco-system. Restoring Our Native Prairie Heritage is an examination of the factors that go into restoring a piece of land back to its native condition. This video provides valuable information to the landscape designer, the farmer, the urban dweller and just about anybody who wants to recapture a piece of our prairie heritage. (20 min.)

Agdex DVD580-5 (DVD format)

\$20.00

Insects, Diseases, Weeds and Pests

Crop Protection 2009 NEW

The "Blue Book" features the most comprehensive and up-to-date information on the selection and application of chemicals to protect your crops. This book includes information on products, tank mixes and formulation changes. Easy-to-use charts allow users to find information quickly. The book has a complete guide to safety, including protective clothing, first aid, emergency help and proper container disposal.

Agdex 606-1

\$12.00

How Herbicides Work

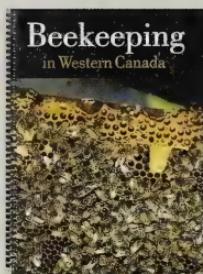
How Herbicides Work is targeted at professionals who work with herbicides. The book may also prove valuable to producers who have an interest in the technical aspects of herbicides. 134 pages.

This book provides a comprehensive look at how:

- herbicides enter and move in the plant
- herbicides break down in the plant and soil
- plants develop resistance to herbicides
- herbicides can best be transferred from the sprayer to the target

Agdex 606-2

\$35.00



Beekeeping in Western Canada

Whether you are just thinking about keeping bees or you are an experienced beekeeper, this book gives you the information you need to manage honey bees successfully. Learn about the spring management of bees, winter feeding, honey extraction, honey bee health and marketing your beeswax, pollen and honey crops. Expert input from the provincial apiculturists in Canada's four western provinces have packed this publication full of the best possible information on keeping bees in the West. 172 pages.

Agdex 616-4

\$25.00

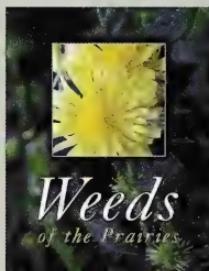


Insect Identification Program CD-ROM

This comprehensive program about destructive insects in Western Canada covers physical characteristics, damage characteristics, economic thresholds, detection techniques, and more! See how to locate an insect, identify it, and discover its potential harm to your crops. Created by entomology experts at Alberta Agriculture, Food and Rural Development, this CD is richly illustrated with dozens of photographs, and uses video clips showing step-by-step procedures that you can use to discover whether or not you have an insect problem. Looking for a better yield? The Insect Identification Program is for you!

Agdex CD620-4

\$30.00

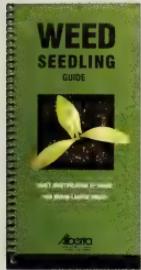


Weeds of the Prairies

This book is a comprehensive field guide to the common weeds across the Canadian Prairie provinces. Detailing 112 weeds, this book gives you full-color photos of the weeds at different growth stages. Weeds are colour-coded by flower colour for easy reference, and the full index lets you find the species you want by common, scientific or family name. Charts on life cycle and habitat provide valuable information while the maps help you see how widespread these weeds are. An opening section on weed identification gives tips on what to look for. And the handy coil binding lets you open the book out flat, so you can work with it in the field. 266 pages.

Agdex 640-4

\$25.00



Weed Seedling Guide

Early identification of grass and broad-leaved weeds saves time and money! This convenient pocket size booklet helps farmers and others correctly identify weed seedlings. Proper identification allows you to take appropriate measures to deal with weeds. This publication features over 60 coil-bound pages of information on 40 broad-leaved weeds and 10 grasses; a table of contents organized by cotyledon (seed-leaf) shape to make identification easier; 49 drawings of cotyledon (seed-leaf) shapes; 50 large full-color photos of weed seedlings and a helpful glossary of terms. 65 pages.

Agdex 640-9

\$10.00

Weeds Identification Program CD-ROM

This CD-ROM helps you identify the major economic weeds of Western Canada. It was designed for both the farmer who wants to improve weed management and the agronomist who is providing field services. With information on five grasses and 58 broadleaf weeds, this tool allows you to quickly determine which weed you are dealing with. Once you have identified the weed, you can figure out how to control it.

Agdex CD640-12

\$10.00

Weed Management

Controlling weeds on your cropland can save you time and money. Learn to identify weeds and the factors that make them so troublesome, including herbicide resistance. You will look at the role of herbicide-resistant crops in today's farming practices. You will be able to determine when physical, cultural and biological methods for controlling weeds are appropriate. At the end of the course, you will be able to develop a plan for managing weeds on your farm.

Agdex 641-16

\$60.00

Veterinary Parasitology: Laboratory Procedures

Attention animal care professionals – this manual gives you guidelines for collecting and examining samples for parasites or stages of parasites. It also has drawings that clearly illustrate how to follow the procedures.

Veterinarians, animal health technologists and other animal care professionals will need this book. See the handy quick reference table on collecting and examining specimens and the alphabetical listing with solutions used for testing. 85 pages.

Agdex 650-1

\$30.00

Synopsis of the
Parasites of
Domesticated
Mammals
of Canada

Third Edition

Alberta

Synopsis of the
Parasites of
Vertebrates
of Canada

A Guide to
the Animal Parasites
of Alberta Fishes

Alberta

METHODS OF INVESTIGATING
PREDATION OF LIVESTOCK



Coyote Predation
of Livestock



Synopsis of the Parasites of Domesticated Mammals of Canada

The third edition of this synopsis contains PARASITE-HOST and HOST-PARASITE lists of 240 species of parasites for seven (7) domesticated mammals. Four species, the goat (*Capra hircus*), ox (*Bos taurus*), pig (*Sus scrofa*) and sheep (*Ovis aries*), belong in the Artiodactyla. One species, the horse (*Equus caballus*), belongs in the Perissodactyla, and two species, the cat (*Felis catus*) and the dog (*Canis familiaris*), belong in the Carnivora. 89 pages.

Agdex 652-1

\$10.00

Synopsis of the Parasites of Vertebrates of Canada

This guide presents listings that include 329 specifically identified taxa of parasites and 104 others (with varying degrees of precision in identification). It is composed of two main sections: one giving parasite/host listings and the other giving host/parasite listings. It also provides indices for the parasites and for the hosts, followed by a list of references. 247 pages.

Agdex 652-2

\$10.00

Methods of Investigating Predation of Livestock

Want to learn how to tell whether a predator killed an animal? This book is for you! Find out to tell whether predators were responsible for an animal's death or if only carrion feeding was involved. You'll also learn how to identify the species of predator. Even experienced investigators find this book helpful. 36 pages.

Agdex 684-14

\$8.00

Coyote Predation of Livestock

Coyotes cause over 75 per cent of the predation losses of livestock in Alberta. This booklet describes various techniques to prevent and control livestock predation by coyotes. Contains details on how to prevent or reduce coyote predation with fencing, good herd management, guardian animals, frightening devices and various lethal control methods. 31 pages.

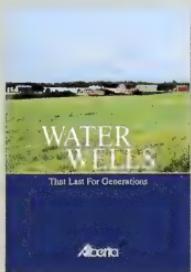
Agdex 684-19

\$8.00

Agricultural Engineering

Water Wells That Last for Generations - VIDEO

A good supply of fresh, clean water is a valuable resource. And getting that water from groundwater is a process that can't be taken for granted. A water well requires proper planning, construction, managing and maintenance. Find out how you can make your well that best that it can be. (42 min.)



Planning and Construction

A farm couple needs more water to expand their operation. But is their water supply adequate? Do they need a new well? Even though almost every well in Alberta is drilled by a licensed driller, it's important that you, the homeowner, understand both the process and the causes of potential problems. After all, it's your future he's installing. Wells aren't cheap. Learn how to do it right, the first time.

Managing and Maintaining

A farm couple face a problem with their water quality. Depicts some more common problems associated with water wells; what symptoms to look for, and how to deal with problems. Also focuses on the methods and value of regular maintenance.

Shock Chlorination

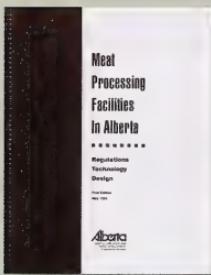
The presence of iron bacteria is a common problem in wells. See how to detect iron bacteria in your well, why it gets there, and step-by-step instructions on how to shock chlorinate your well to stop it. Shock chlorination is fast, easy and really pays off in terms of better well yield. Why not iron-out your water problems now?

Agdex DVD716-1 (DVD format) \$20.00

Fencing with Electricity

This fully illustrated new book will help you choose and build the right electric fence for your operation. It looks at planning an electric fence, fence components, electrifying existing fence, and fence safety and maintenance. It also provides electric fence troubleshooting tips. Six different types of electric fences are discussed in detail and comprehensive diagrams make the information easy to understand. 47 pages.

Agdex 724-6 \$10.00



Meat Processing Facilities in Alberta

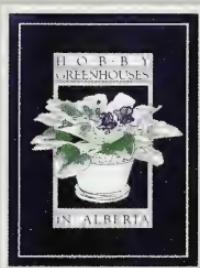
This manual of standard practice for Alberta meat processors is designed to help planners and operators of meat processing facilities. The content covers critical subject areas:

- planning overview
- regulations, codes and permits
- general principles of food hygiene
- background and technology
- plant layout
- design and construction
- recommended information

This comprehensive manual clarifies many aspects of the design and operation of meat processing facilities in Alberta. 121 pages.

Agdex 727-1

\$50.00

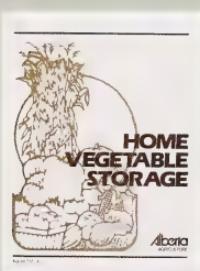


Hobby Greenhouses in Alberta

With a small greenhouse, avid gardeners can extend their growing season and expand the range of crops they can grow. This well-illustrated book tells you how to build, heat and manage a small greenhouse. You'll also learn the basic requirements of plants and how to grow specific vegetable, fruit and ornamental crops. 69 pages.

Agdex 731-5

\$8.00

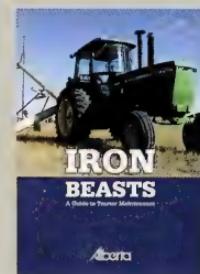


Home Vegetable Storage

Homeowners wishing to store home-grown or bulk-purchased vegetables will find this book helpful. It outlines the basic storage requirements such as temperature, humidity, ventilation and compatibility. It describes the four types of storage methods and tells you how to prepare vegetables for storage. It also tells you how to recognize and prevent the various diseases and disorders that can spoil your vegetables. It shows you how to build small root cellars and basement cold rooms. 17 pages.

Agdex 732-15

\$3.00



Iron Beasts: A Guide to Tractor Management - VIDEO

Your tractor is a tool. A very expensive tool. It's just common sense to look after it and keep it running at peak efficiency. Find out how to reduce the ongoing cost of that investment and get more power and life out of your tractor. (20 min.)

Agdex DVD740-5 (DVD format)

\$20.00



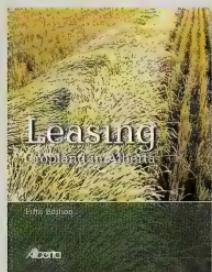
Farm Workshops

This book tells you how to make your workshop safe, organized and functional. It shows you how to plan a layout that will save steps and encourage organized work habits. You'll also learn how to size the shop to your needs and capabilities, how to select the type of foundation, amount of insulation, lighting levels, heating, ventilation and electrical systems. There is also a section with helpful suggestions on how to equip your shop. 60 pages.

Agdex 780-1

\$5.00

Agricultural Economics



Leasing Cropland in Alberta UPDATE

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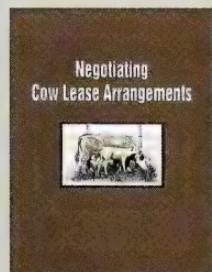
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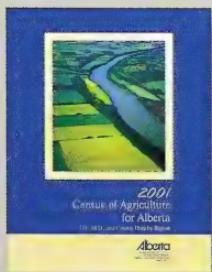


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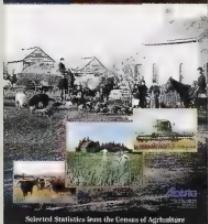
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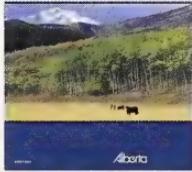
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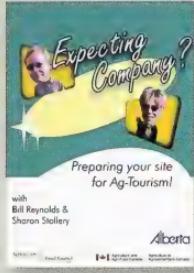
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| Westaskiwin | CIHS | 93.5MHz - FM | 12:30 |
| Whitecourt | CKUA | 107.1MHz - FM | 12:10 |

Podcasts, scripts and audio files are available from Call of the Land's home page at www.agriculture.alberta.ca/cotl

Agricultural Fieldmen Contact Information

| Municipality | Location | Phone |
|-----------------------------------------------------|---------------|--------------|
| South Region | | |
| M.D. Acadia #34 | Acadia Valley | 403-972-3808 |
| Cardston County | Cardston | 403-653-4977 |
| Cypress County | Dunmore | 403-526-2888 |
| M.D. Foothills #31 | High River | 403-652-2423 |
| County Forty Mile #8 | Foremost | 403-867-3530 |
| County Lethbridge | Lethbridge | 403-328-5525 |
| County Newell #4 | Brooks | 403-362-2772 |
| M.D. Pincher Creek #9 | Pincher Creek | 403-627-4151 |
| M.D. Ranchland #66 | Nanton | 403-646-3131 |
| Siksika Corporation for Agricultural Development | Siksika | 403-734-5240 |
| M.D. Taber | Taber | 403-223-3541 |
| Vulcan County | Vulcan | 403-485-3103 |
| County Warner #5 | Warner | 403-642-2255 |
| Wheatland County | Strathmore | 403-934-3321 |
| M.D. Willow Creek #26 | Claresholm | 403-625-3351 |
| Special Area No. 2 | Hanna | 403-854-5628 |
| Special Area No. 3 | Oyen | 403-664-3618 |
| Special Area No. 4 | Consort | 403-577-3523 |

Contact Information – continued

Central Region

| | | |
|-----------------------|------------------|--------------|
| M.D. Bighorn #8 | Exshaw | 403-233-7678 |
| County Camrose #22 | Camrose | 780-672-4765 |
| Clearwater County | Rocky Mtn. House | 403-845-4444 |
| Flagstaff County | Sedgewick | 780-384-4100 |
| Kneehill County | Three Hills | 403-443-5541 |
| Lacombe County | Lacombe | 403-782-6601 |
| Mountain View County | Didsbury | 403-335-3311 |
| County Paintearth #18 | Castor | 403-882-3211 |
| Ponoka County | Ponoka | 403-783-3333 |
| Red Deer County | Red Deer | 403-350-2150 |
| M.D. Rocky View #44 | Calgary | 403-230-1401 |
| Starland County | Morrin | 403-772-3793 |
| County Stettler #6 | Stettler | 403-742-4441 |
| County Wetaskiwin #10 | Wetaskiwin | 780-352-3321 |

Northeast Region

| | | |
|------------------------|--------------|--------------|
| Beaver County | Ryley | 780-663-3730 |
| M.D. Bonnyville #87 | Bonnyville | 780-826-3951 |
| Lac La Biche County | Lac La Biche | 780-623-4468 |
| Lamont County | Lamont | 780-895-2585 |
| County of Minburn #27 | Vegreville | 780-632-4033 |
| M.D. Provost #52 | Provost | 780-753-2368 |
| County of St. Paul #19 | St. Paul | 780-645-3301 |
| Smoky Lake County | Smoky Lake | 780-656-3730 |
| County Two Hills #21 | Two Hills | 780-657-3358 |
| County Vermilion River | Kitscoty | 780-846-2244 |
| M.D. Wainwright #61 | Wainwright | 780-842-4454 |

Northwest Region

| | | |
|------------------------------|-----------------|--------------|
| County Athabasca #12 | Athabasca | 780-675-2273 |
| County Barrhead #11 | Barrhead | 780-674-3331 |
| Brazeau County | Drayton Valley | 780-542-7777 |
| Lac Ste. Anne County | Sangudo | 780-785-3411 |
| Leduc County | Leduc | 780-955-6415 |
| M.D. Lesser Slave River #124 | Flatbush | 780-681-3929 |
| Parkland County | Parkland County | 780-968-8467 |
| Strathcona County | Sherwood Park | 780-417-7130 |
| Sturgeon County | Morinville | 780-939-0603 |
| County Thorhild #7 | Thorhild | 780-398-3741 |

Contact Information – continued

| | | |
|--------------------------|------------------|--------------|
| Westlock County | Westlock | 780-349-3346 |
| Woodlands County | Fort Assiniboine | 780-584-3866 |
| Yellowhead County | Edson | 780-325-3782 |
| Peace Region | | |
| M.D. Big Lakes | High Prairie | 780-523-5955 |
| Birch Hills County | Wanham | 780-694-3793 |
| Clear Hills County | Worsley | 780-685-3925 |
| M.D. Fairview | Fairview | 780-835-4903 |
| County Grande Prairie #1 | Clairmont | 780-513-3955 |
| M.D. Greenview #16 | Valleyview | 780-524-7601 |
| Mackenzie County | Fort Vermilion | 780-927-3718 |
| M.D. Northern Lights #22 | Manning | 780-836-3348 |
| Northern Sunrise County | Peace River | 780-322-3831 |
| M.D. Peace #135 | Berwyn | 780-338-3845 |
| Saddle Hills County | Spirit River | 780-864-2004 |
| M.D. Smoky River | Falher | 780-837-2222 |
| M.D. Spirit River | Spirit River | 780-864-3500 |

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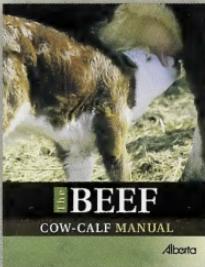
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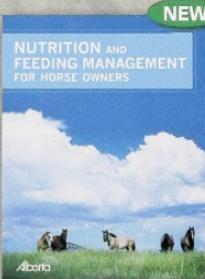
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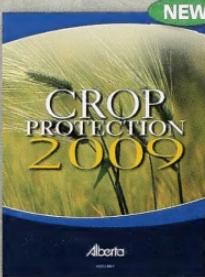
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